

## WEB AND JAVA APPLICATION TESTING

JITC can provide load, stress, and scalability testing for Web-based applications. We have multiple test tools that allow:

- ◆ Customization for your needs
- ◆ Robust real-time control with virtually no limit on number of simulated users
- ◆ Secure Socket Layer (SSL) and Public Key Infrastructure (PKI) support
- ◆ Multiple stimulation entry points
- ◆ Tailored test reports

## SYSTEM LEVEL TESTING

JITC provides independent validation of the performance of the EC services offered to DOD, Federal, and Commercial users. Specific testing done to ensure Interoperability:

- ◆ Among DOD systems,
- ◆ Between DOD and Federal systems, and
- ◆ From the DOD/Federal domain to the commercial domain
- ◆ User interfaces to Web Servers are also tested for stress, load, and scalability requirements.

## TEST SUPPORT

JITC has supported EC/EDI-related testing for the following agencies and products:

### JECPO/DISA

Electronic Commerce Processing Nodes  
VAN Certification/ECIP  
Electronic Document Access (EDA)  
Central Contractor Register (CCR)  
Wide Area Work Flow (WAWF)

### DLA

Automated Bidset Interface  
Electronic-Catalog (E-CAT)



**CALL US TODAY**  
**1-800-538-JITC**

Mr Michael Lynch  
Phone: 520-538-5431  
E-mail: [lynchm@fhu.disa.mil](mailto:lynchm@fhu.disa.mil)  
FAX: 520-538-4375

Ms Chris Long  
Phone: 520-538-5061  
E-mail: [longc@fhu.disa.mil](mailto:longc@fhu.disa.mil)  
FAX: 520-538-4375

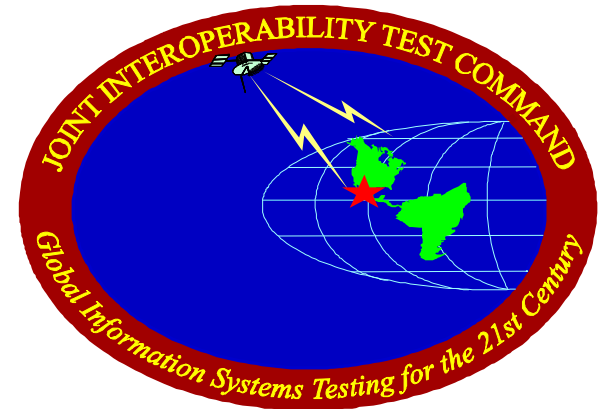
**Joint Interoperability Test Command**  
**ATTN: Visitor Support Center**  
**Building 57305**  
**Fort Huachuca, AZ 85613-7020**

**1-800-LET-JITC**  
**<http://jitc.fhu.disa.mil>**

**Support for the Warfighter....Anytime....Anyplace**

## **ELECTRONIC COMMERCE TESTING**

**PUT THE JITC TO WORK ON  
END-TO-END TESTING OF YOUR  
EC PRODUCTS**



**Joint Interoperability Test  
Command**

## ELECTRONIC COMMERCE TESTING

The Joint Interoperability Test Command (JITC) is Defense Information Systems Agency's (DISA) and Joint Electronic Commerce Program Office (JECPO) independent tester for their Electronic Commerce Programs. We have personnel, facilities, and expertise in a variety of EC test procedures and approaches.

## PERFORMANCE AND ENGINEERING TESTING

JITC can emulate, simulate, and stimulate all EC components. When interfacing with the EC Infrastructure (ECI), JITC can:

- ◆ Emulate/Simulate
  - ◆ Automated Information Systems (AISs)
  - ◆ DOD/Federal Gateways (GWs)
  - ◆ Value-Added Networks (VANs)
  - ◆ Other EC components
  - ◆ Users accessing Web interfaces
- ◆ Load/Stress:
  - ◆ Over 1.5 million X12 transactions per day
  - ◆ Unlimited Web hits
  - ◆ Multiple User Defined Formats (UDFs)
    - SAACONS, SPS, IPC, IGS
- ◆ Tracking:
  - ◆ End-to-end accountability of transactions

## ELECTRONIC COMMERCE INTEROPERABILITY PROCESS

JITC provides assistance to VANs, GWs, and AISs on:

- ◆ X12 Implementation Conventions
- ◆ Transmission protocols, and  
DOD implementation of EC and ECI

As the lead tester of the ECIP, JITC works with all prospective VANs, GWs, and AISs in completing the Connectivity and Load testing requirements of the ECIP.

Website: <http://jitic-ecip.nit.disa.mil>



# *JITC EC Test Capabilities*

